

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112625\
 Data File : VX048691.D
 Acq On : 26 Nov 2025 13:27
 Operator : JC/MD
 Sample : VX1126WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2025
 Supervised By : Semsettin Yesilyurt 12/01/2025

Quant Time: Nov 27 01:35:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	145805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	244738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112996	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.940	65	107027	52.679	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.360%	
35) Dibromofluoromethane	5.373	113	89718	48.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.880%	
50) Toluene-d8	8.635	98	291951	50.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	11.061	95	108254	50.282	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.560%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	21865	18.507	ug/l	97
3) Chloromethane	1.301	50	25541	16.299	ug/l	98
4) Vinyl Chloride	1.380	62	27120	15.286	ug/l	99
5) Bromomethane	1.618	94	20869	18.628	ug/l	96
6) Chloroethane	1.697	64	20395	17.553	ug/l	99
7) Trichlorofluoromethane	1.898	101	48338	17.221	ug/l	99
8) Diethyl Ether	2.136	74	20221	17.947	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	31894	19.627	ug/l	100
10) Methyl Iodide	2.453	142	39595	16.465	ug/l	99
11) Tert butyl alcohol	2.935	59	44395	115.318	ug/l	97
12) 1,1-Dichloroethene	2.325	96	31046	18.291	ug/l	94
13) Acrolein	2.240	56	4235	76.030	ug/l	91
14) Allyl chloride	2.666	41	59595	18.858	ug/l	96
15) Acrylonitrile	3.056	53	124002	110.338	ug/l	98
16) Acetone	2.374	43	96482	100.324	ug/l	99
17) Carbon Disulfide	2.520	76	67085	14.045	ug/l	99
18) Methyl Acetate	2.697	43	58539	22.150	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	127107	21.206	ug/l	98
20) Methylene Chloride	2.788	84	38522	19.483	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	32782	18.223	ug/l	93
22) Diisopropyl ether	3.751	45	126795	20.895	ug/l	95
23) Vinyl Acetate	3.715	43	545560	102.654	ug/l	99
24) 1,1-Dichloroethane	3.605	63	68854	20.679	ug/l	97
25) 2-Butanone	4.538	43	156468	109.982	ug/l	95
26) 2,2-Dichloropropane	4.465	77	57722	20.335	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	43117	19.608	ug/l	96
28) Bromochloromethane	4.885	49	31505	19.261	ug/l	99
29) Tetrahydrofuran	4.989	42	107083	105.534	ug/l	99
30) Chloroform	5.080	83	75554	21.980	ug/l	96
31) Cyclohexane	5.465	56	47230	17.312	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	61881	20.628	ug/l	99
36) 1,1-Dichloropropene	5.678	75	44396	17.899	ug/l	98
37) Ethyl Acetate	4.702	43	69373	19.869	ug/l	98
38) Carbon Tetrachloride	5.672	117	52763	18.687	ug/l	96
39) Methylcyclohexane	7.367	83	47247	16.965	ug/l	97
40) Benzene	6.025	78	140891	18.325	ug/l	97

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41) Methacrylonitrile	4.904	41	30755	20.030	ug/l	96
42) 1,2-Dichloroethane	6.080	62	56468	21.435	ug/l	97
43) Isopropyl Acetate	6.324	43	98075	19.983	ug/l	99
44) Trichloroethene	7.117	130	36150	19.670	ug/l	100
45) 1,2-Dichloropropane	7.415	63	37735	21.345	ug/l	99
46) Dibromomethane	7.568	93	29890	23.181	ug/l	96
47) Bromodichloromethane	7.806	83	61390	23.866	ug/l	97
48) Methyl methacrylate	7.684	41	48371	22.171	ug/l	97
49) 1,4-Dioxane	7.641	88	15430	464.140	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	338106	121.023	ug/l	98
52) Toluene	8.702	92	90654	22.395	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	59308	22.376	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	63634	23.186	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	41044	25.379	ug/l	95
56) Ethyl methacrylate	9.098	69	61946	23.022	ug/l	98
57) 1,3-Dichloropropane	9.293	76	61463	21.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	154321	106.678	ug/l	99
59) 2-Hexanone	9.415	43	243868	117.349	ug/l	97
60) Dibromochloromethane	9.507	129	44690	22.506	ug/l	98
61) 1,2-Dibromoethane	9.592	107	38808	22.155	ug/l	99
64) Tetrachloroethene	9.263	164	29478	18.660	ug/l	99
65) Chlorobenzene	10.061	112	102036	19.765	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	37868	21.892	ug/l	100
67) Ethyl Benzene	10.177	91	168878	19.481	ug/l	99
68) m/p-Xylenes	10.287	106	130004	39.819	ug/l	98
69) o-Xylene	10.622	106	61668	19.305	ug/l	97
70) Styrene	10.640	104	109642	20.461	ug/l	99
71) Bromoform	10.781	173	33435	20.952	ug/l #	98
73) Isopropylbenzene	10.945	105	161368	19.674	ug/l	98
74) N-amyl acetate	10.829	43	80999	19.668	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	60739	20.999	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	55198m	20.277	ug/l	
77) Bromobenzene	11.183	156	42342	19.992	ug/l	97
78) n-propylbenzene	11.287	91	186978	19.387	ug/l	100
79) 2-Chlorotoluene	11.348	91	115479	19.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	130824	19.566	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	19312	20.292	ug/l #	88
82) 4-Chlorotoluene	11.439	91	136438	19.959	ug/l	99
83) tert-Butylbenzene	11.695	119	134498	19.448	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	131698	19.521	ug/l	100
85) sec-Butylbenzene	11.872	105	161073	18.844	ug/l	100
86) p-Isopropyltoluene	11.994	119	136600	19.009	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	76955	19.387	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	77502	18.902	ug/l	98
89) n-Butylbenzene	12.317	91	126164	18.715	ug/l	99
90) Hexachloroethane	12.518	117	26219	19.150	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	73124	19.189	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.921	75	13305	19.794	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	44075	17.406	ug/l	100
94) Hexachlorobutadiene	13.707	225	17714	16.734	ug/l	97
95) Naphthalene	13.756	128	151943	18.663	ug/l	98
96) 1,2,3-Trichlorobenzene	13.939	180	42356	17.983	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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